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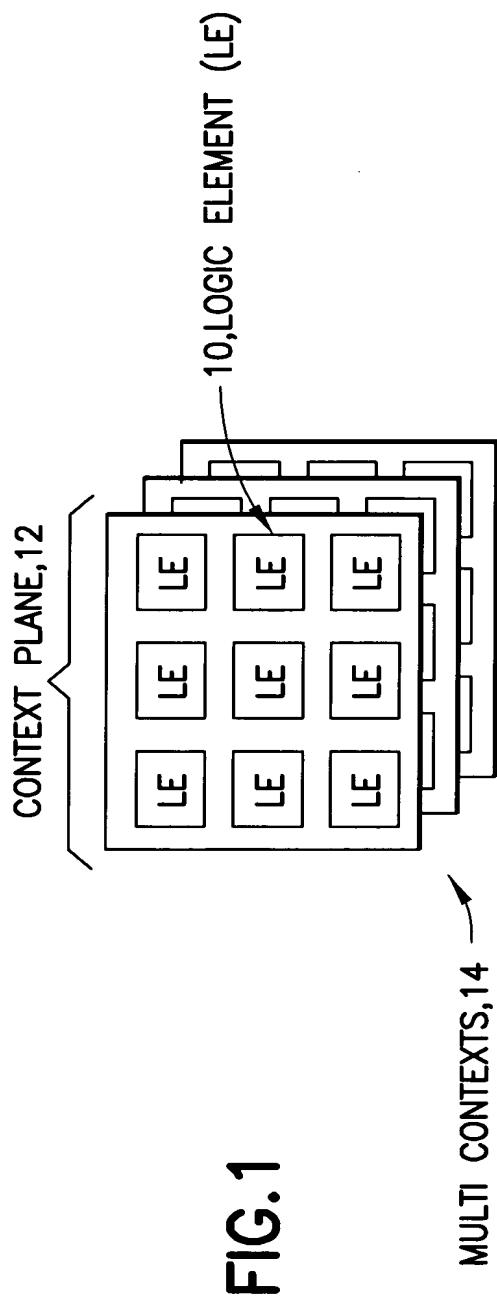


FIG. 1

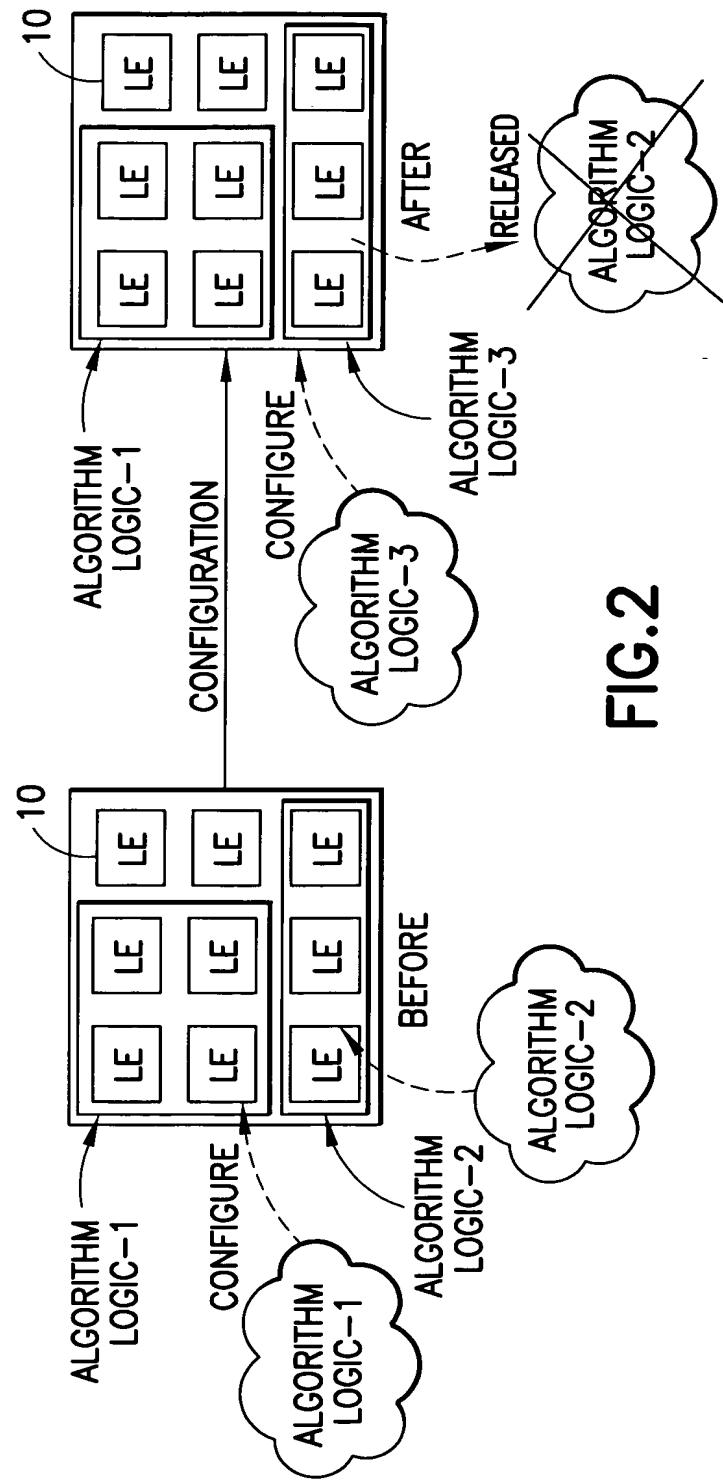


FIG. 2

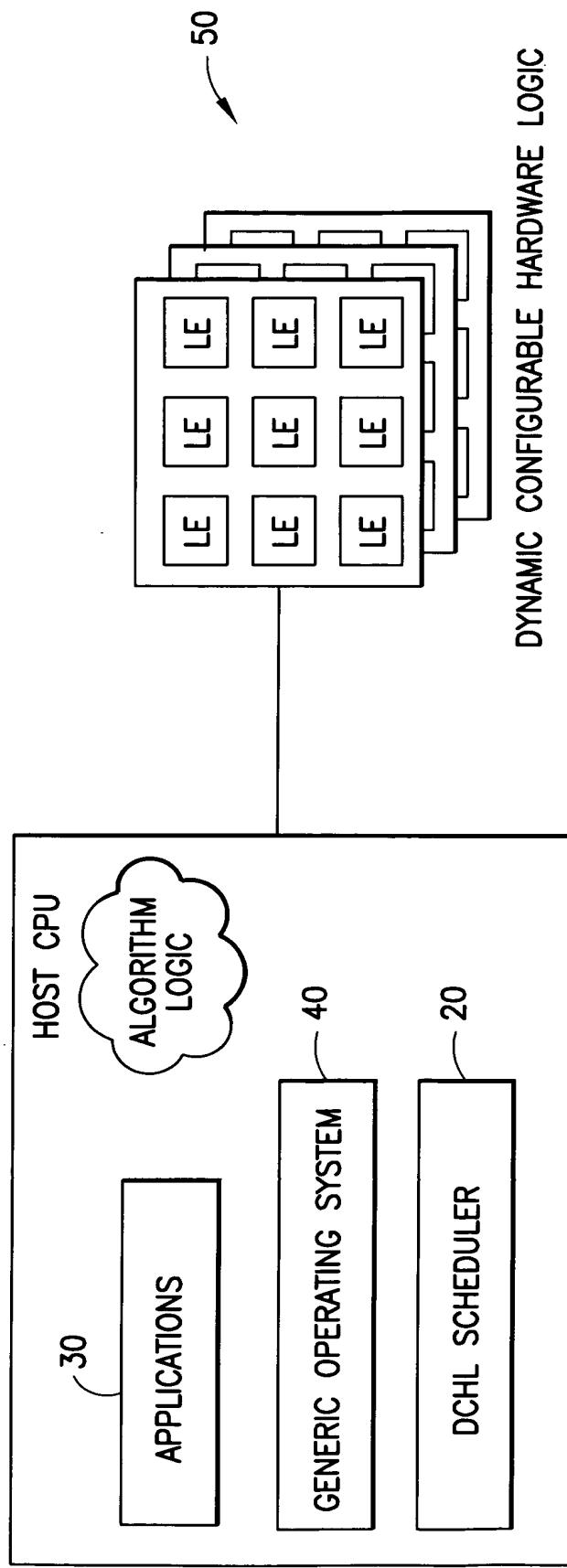


FIG.3

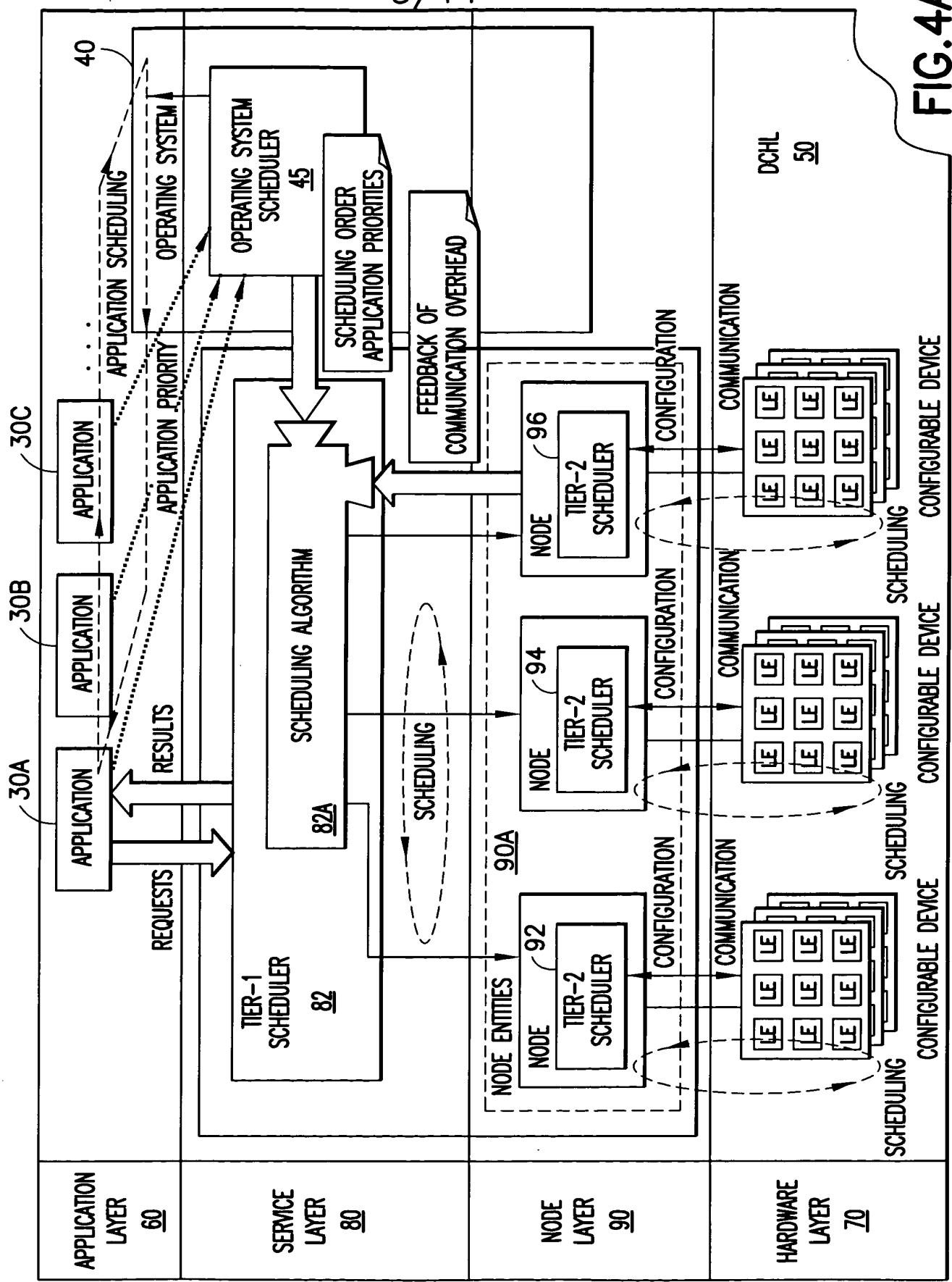
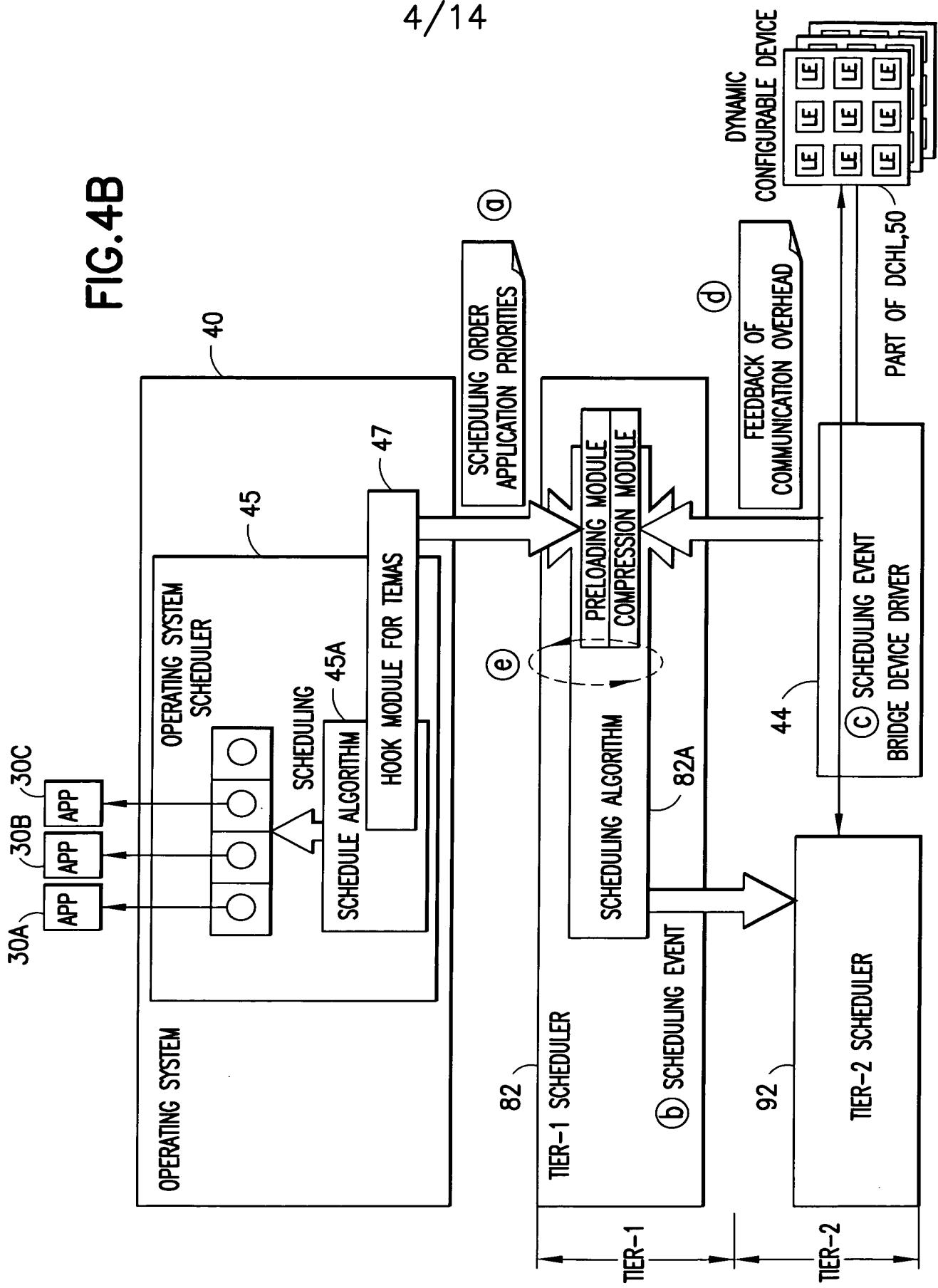


FIG. 4A

**FIG. 4B**

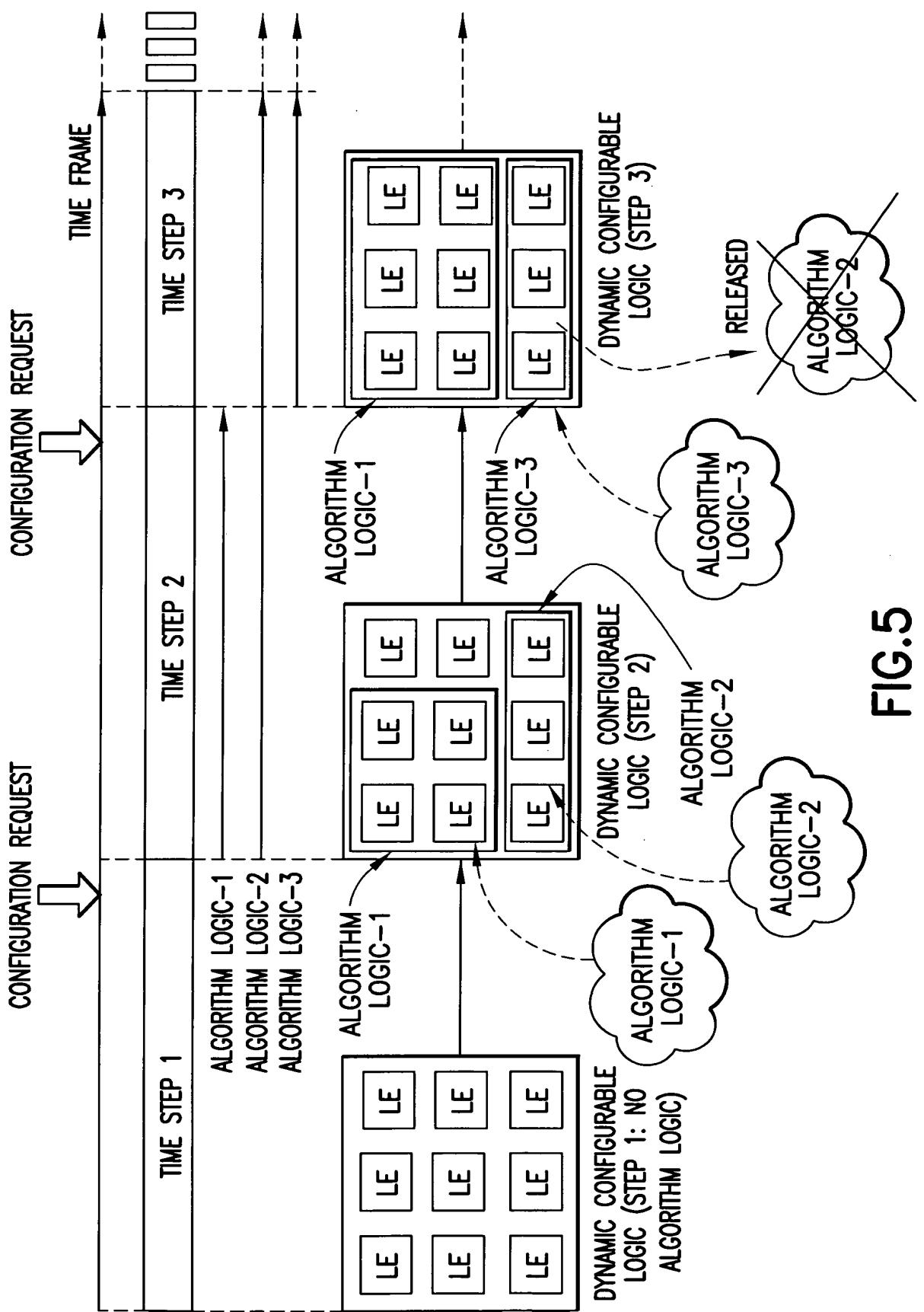


FIG. 5

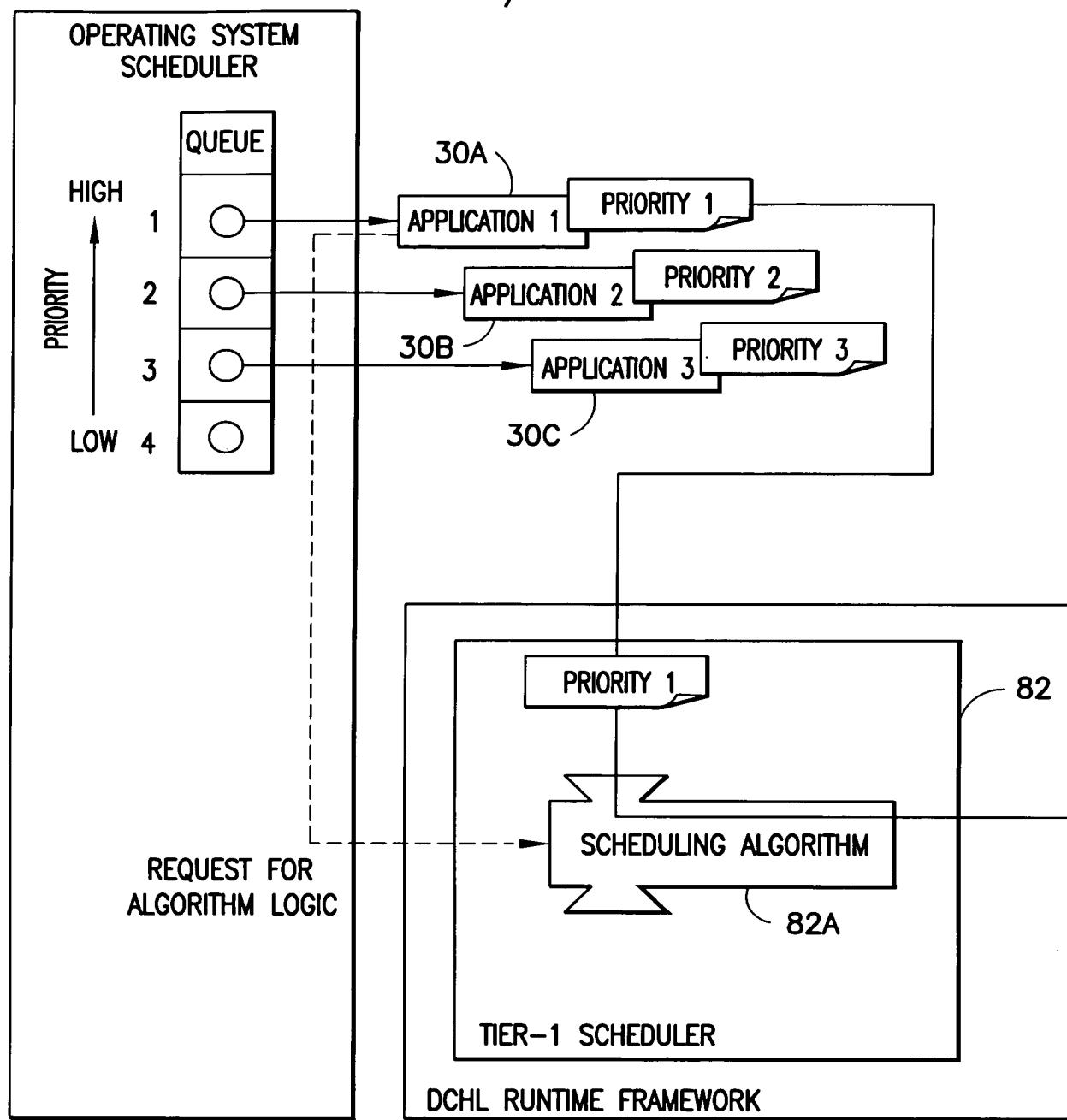


FIG.6A

FIG.6A

FIG.6B

FIG.6

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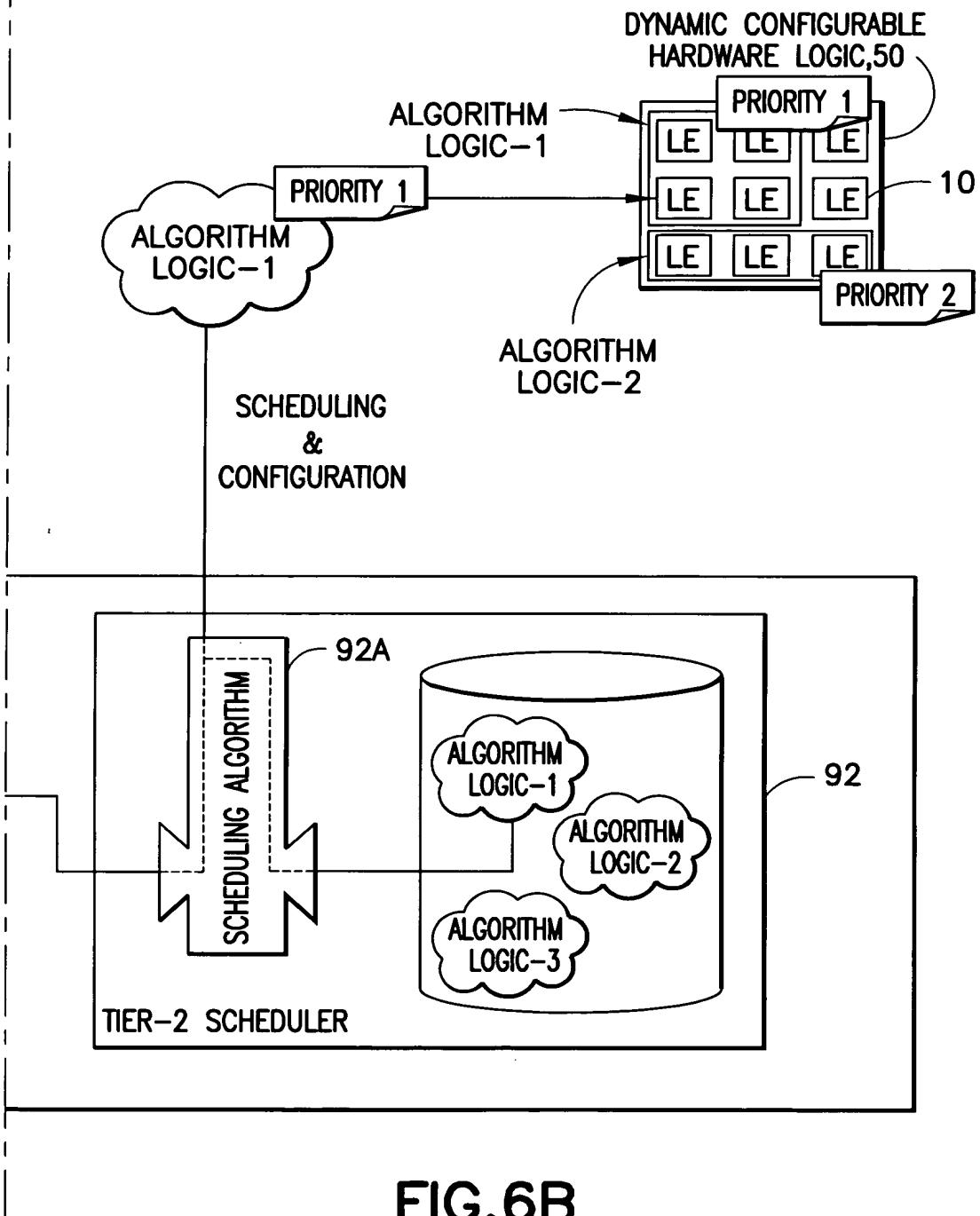
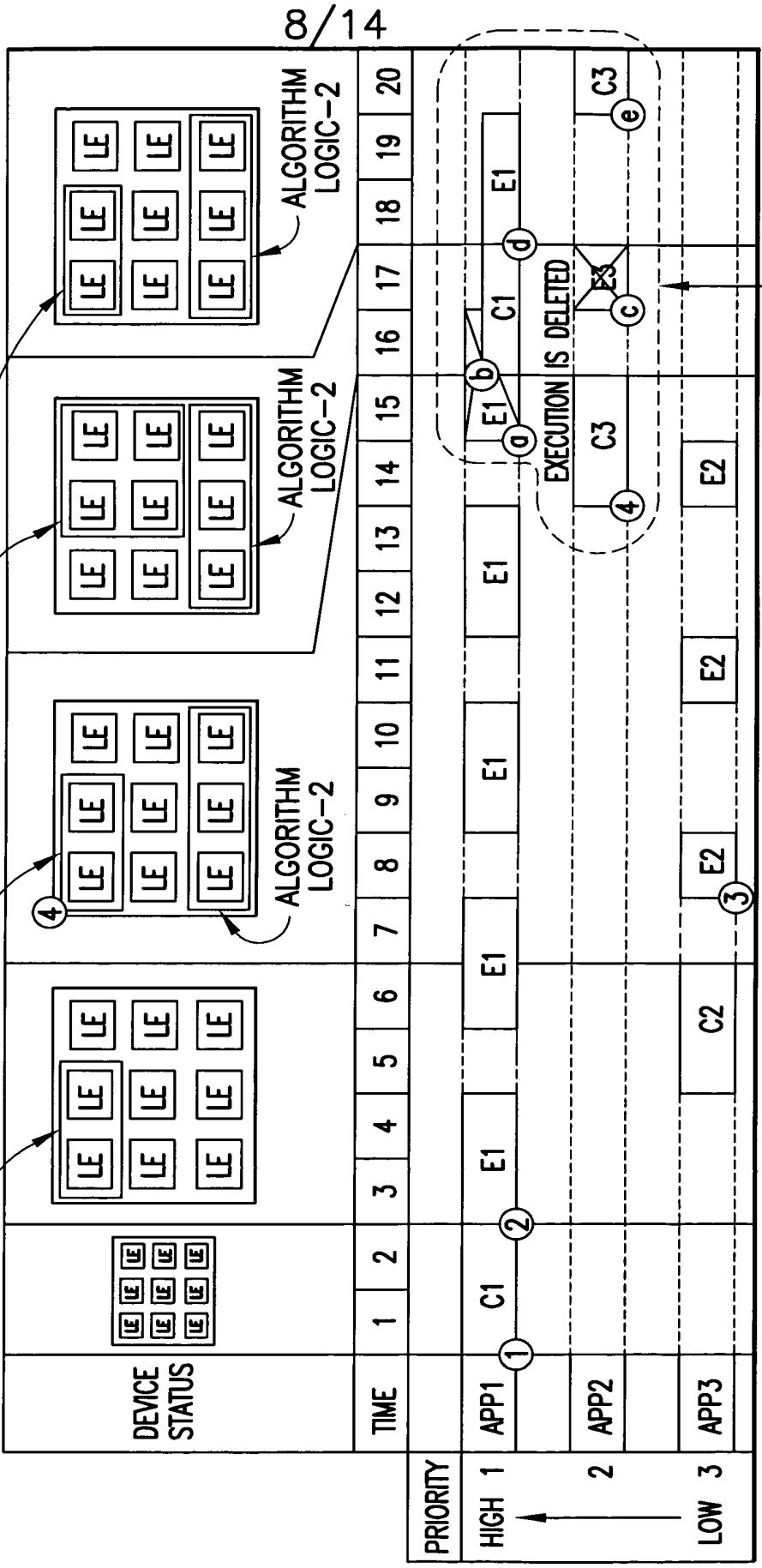


FIG.6B

[CONVENTIONS]

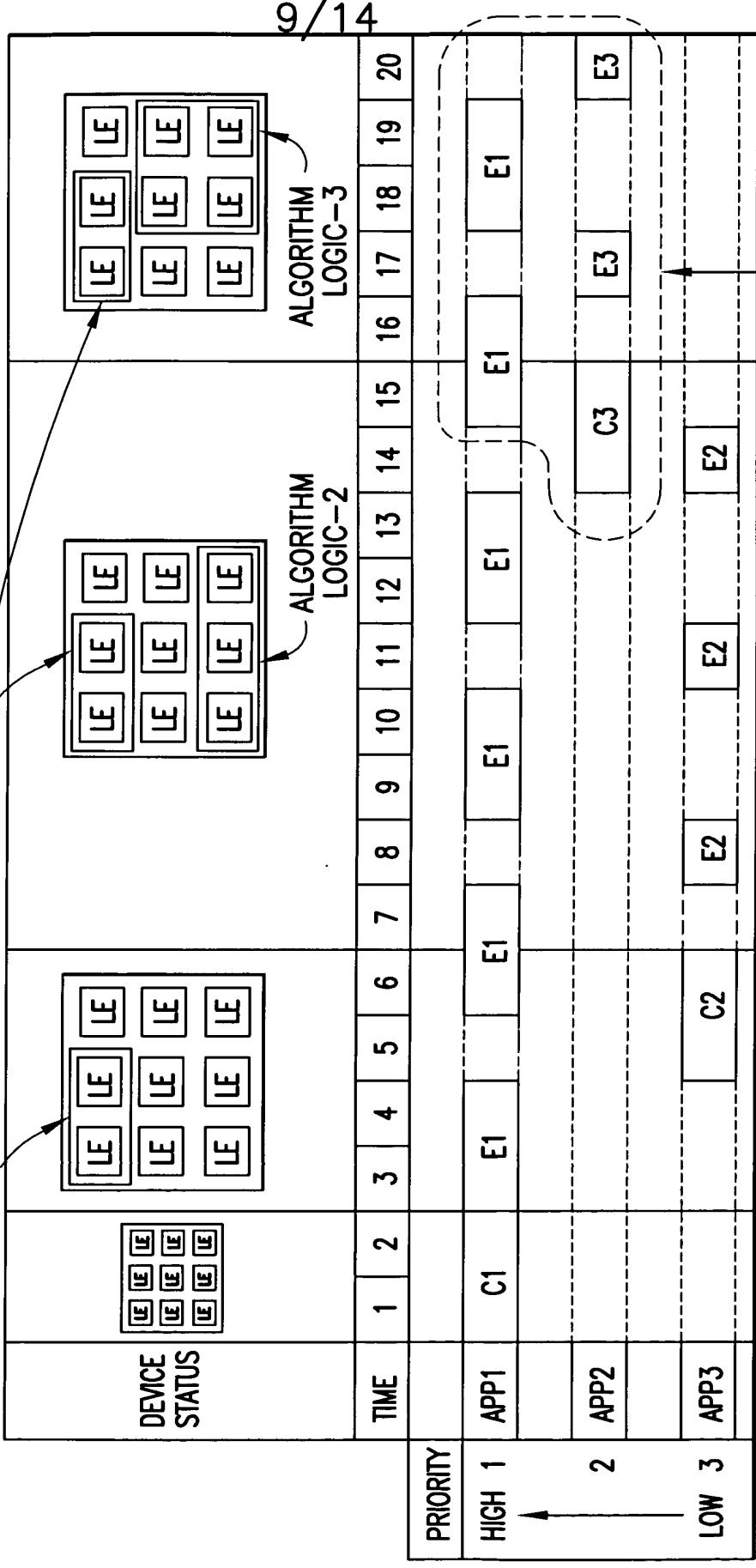
ALGORITHM	LOGIC-1	ALGORITHM	LOGIC-1
APP - APPLICATION WORKING ON HOST CPU	Cx - CONFIGURATION TIME FOR ALGORITHM LOGIC X	APP - APPLICATION WORKING ON HOST CPU	Cx - CONFIGURATION TIME FOR ALGORITHM LOGIC X
Cx - EXECUTION TIME FOR ALGORITHM LOGIC X	Ex - EXECUTION TIME FOR ALGORITHM LOGIC X	Cx - EXECUTION TIME FOR ALGORITHM LOGIC X	Ex - EXECUTION TIME FOR ALGORITHM LOGIC X



THE ALGORITHM LOGIC ATTACHED TO APPLICATION HAVING THE HIGHEST PRIORITY IS DELAYED TO WORK FOR FROM (a) TO (d). ADDITIONALLY, ALGORITHM-3 MISSES ITS EXECUTION AT (c). EXTRA INEFFICIENT CONFIGURATION BOTH (b) AND (e) ARE PERFORMED.

FIG. 7

**[CONVENTIONS]**  
 APP - APPLICATION WORKING ON HOST CPU  
 $C_x$  - CONFIGURATION TIME FOR ALGORITHM LOGIC X  
 $E_x$  - EXECUTION TIME FOR ALGORITHM LOGIC X



ALGORITHM LOGIC ATTACHED TO APPLICATIONS HAVING HIGHER PRIORITY ARE WORKING FINE, WHICH MEANS THAT EXECUTION DELAY AND EXTRA CONFIGURATION DOESN'T OCCUR. THE R ENSURES THE BEST UTILIZATION.

**FIG.8**

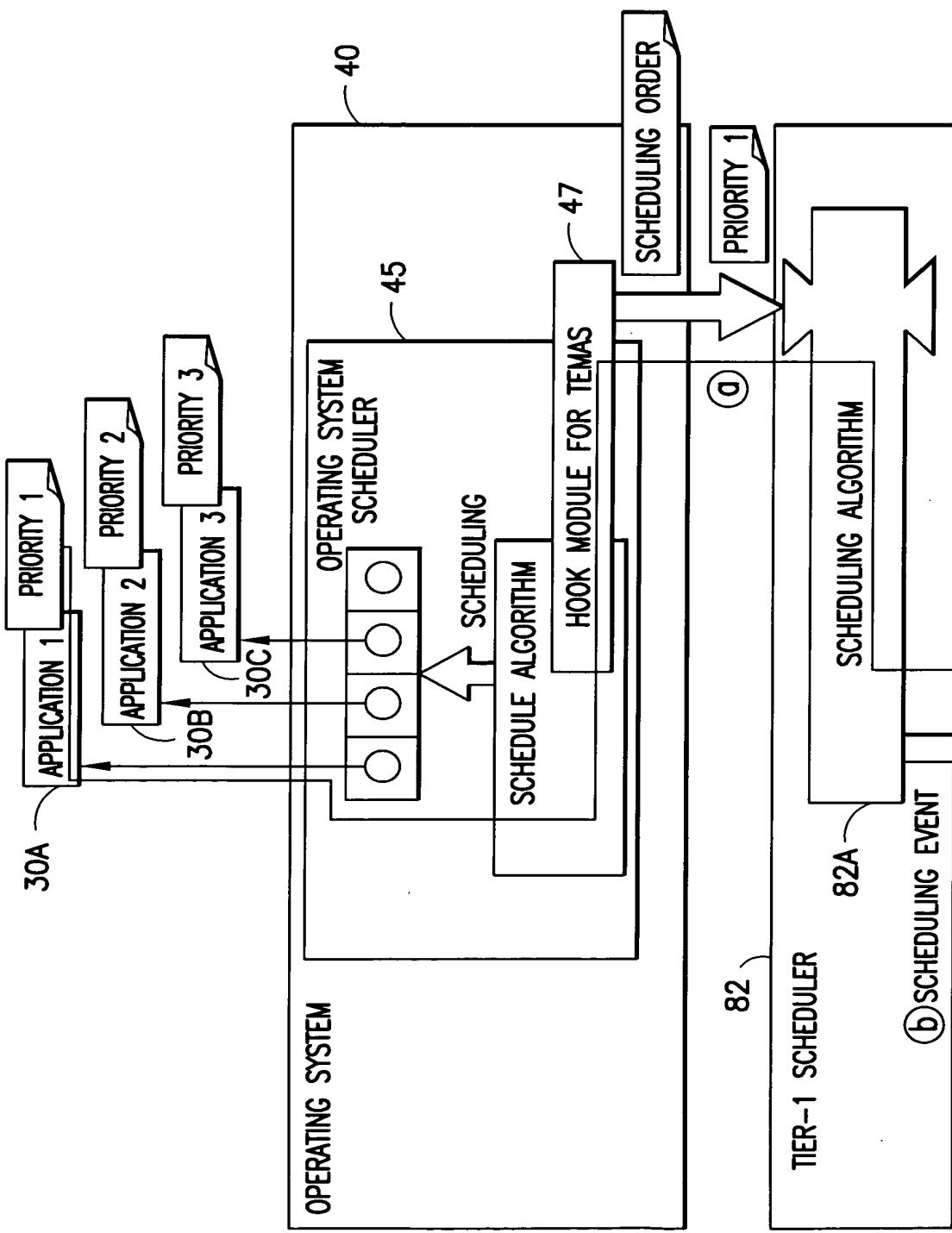
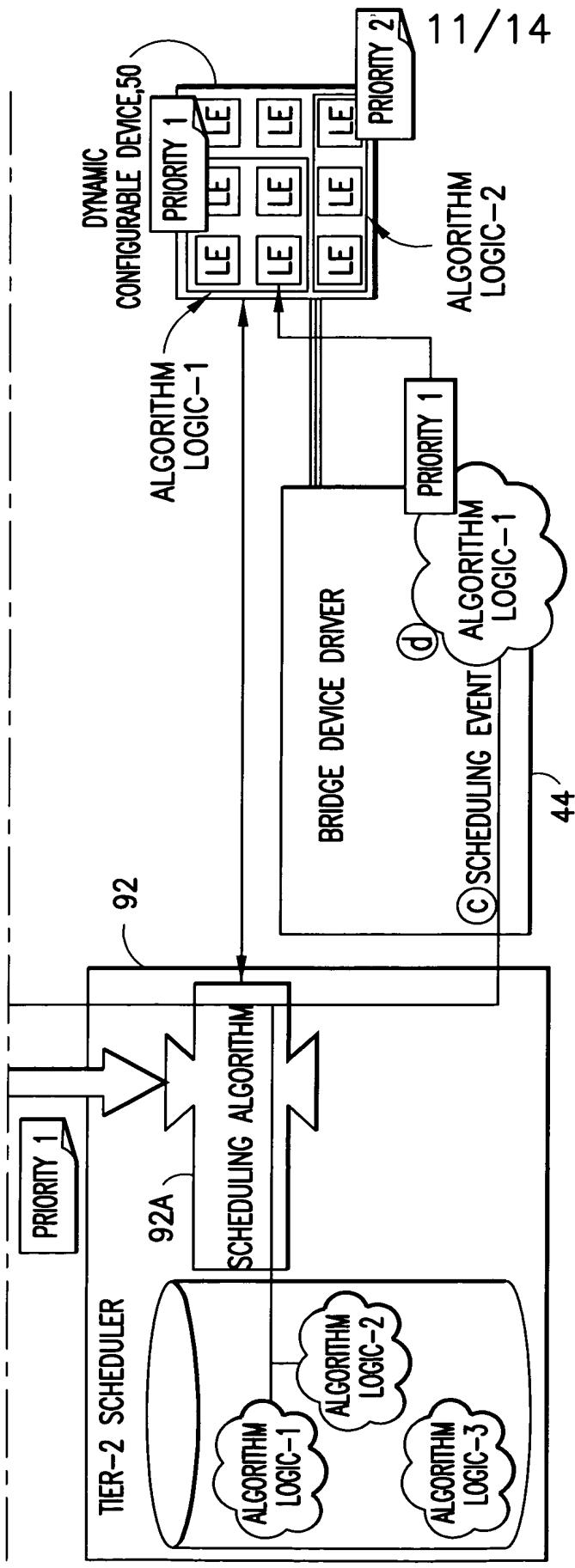


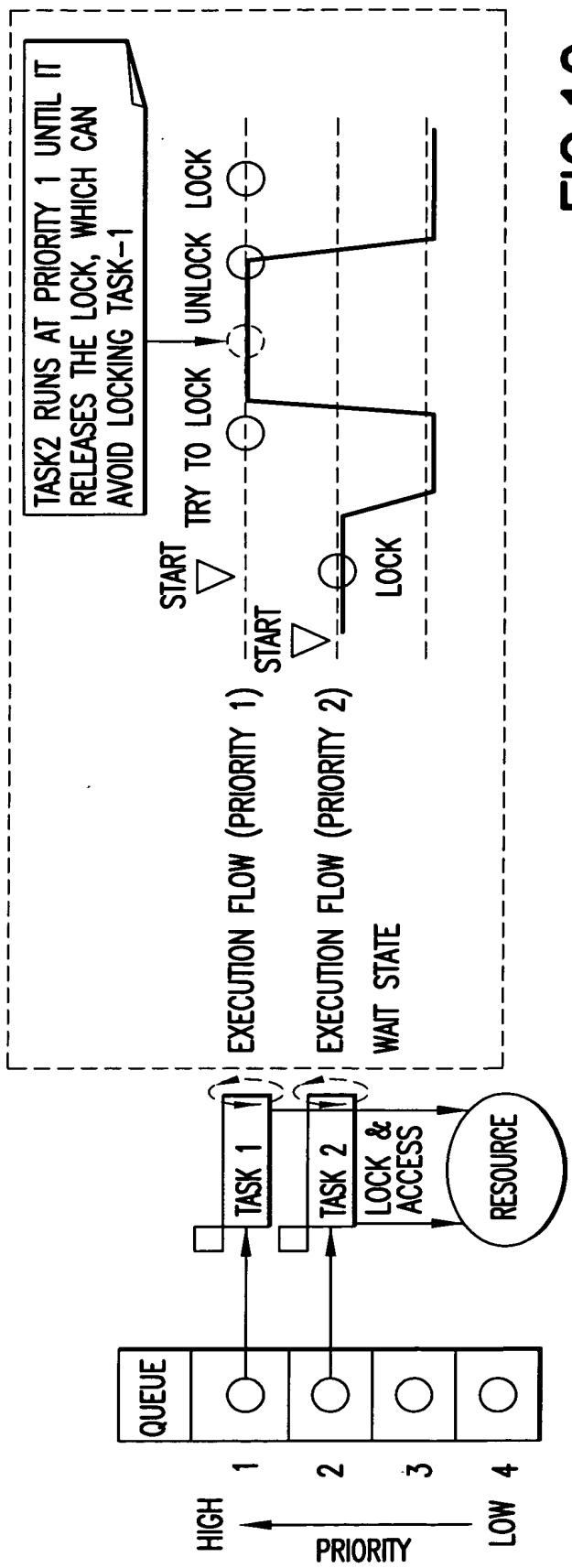
FIG. 9A



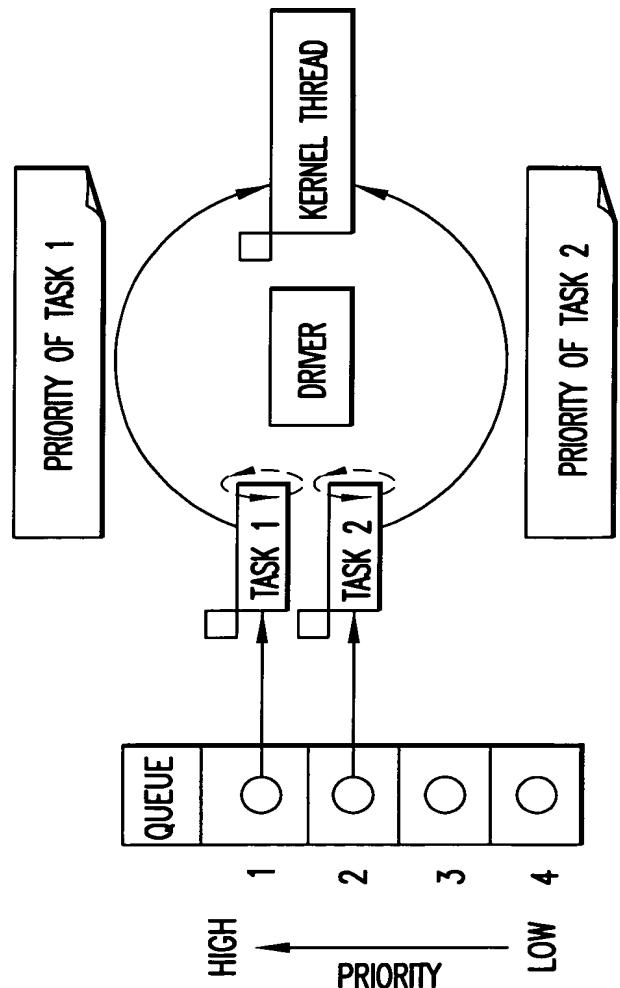
**FIG.9B**

<b>FIG.9A</b>
<b>FIG.9B</b>

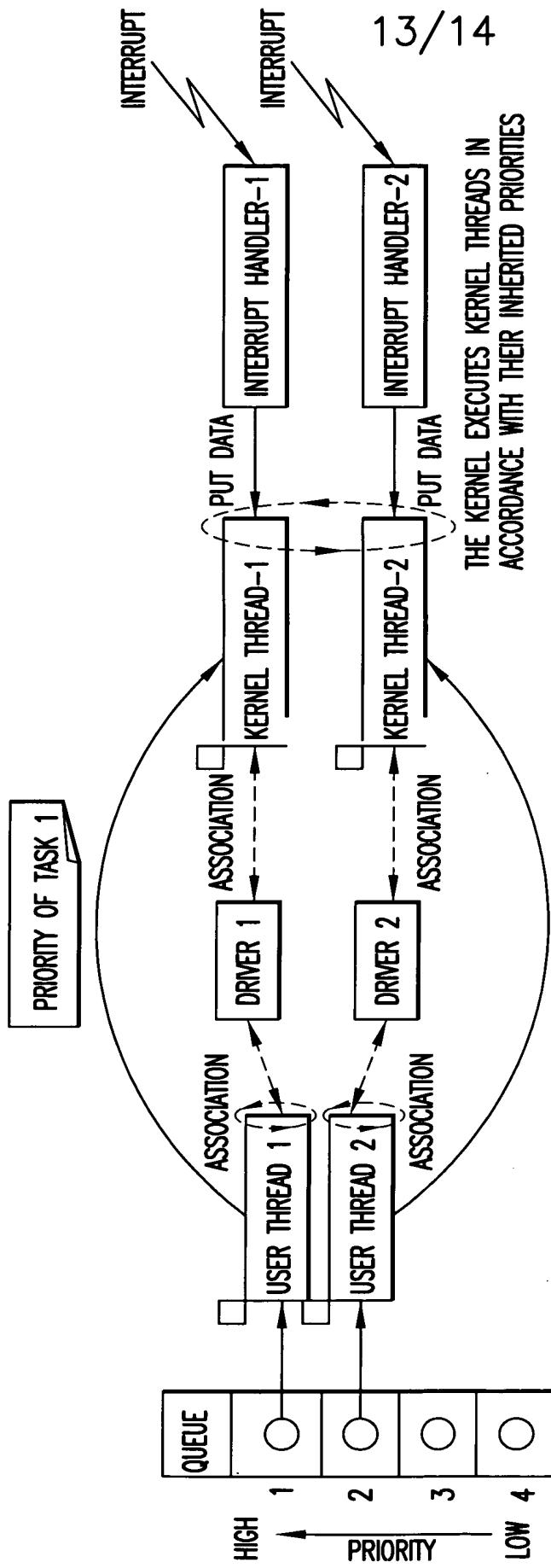
**FIG.9**



**FIG. 10**  
PRIOR ART



**FIG. 11**  
PRIOR ART



**FIG. 12**  
PRIOR ART

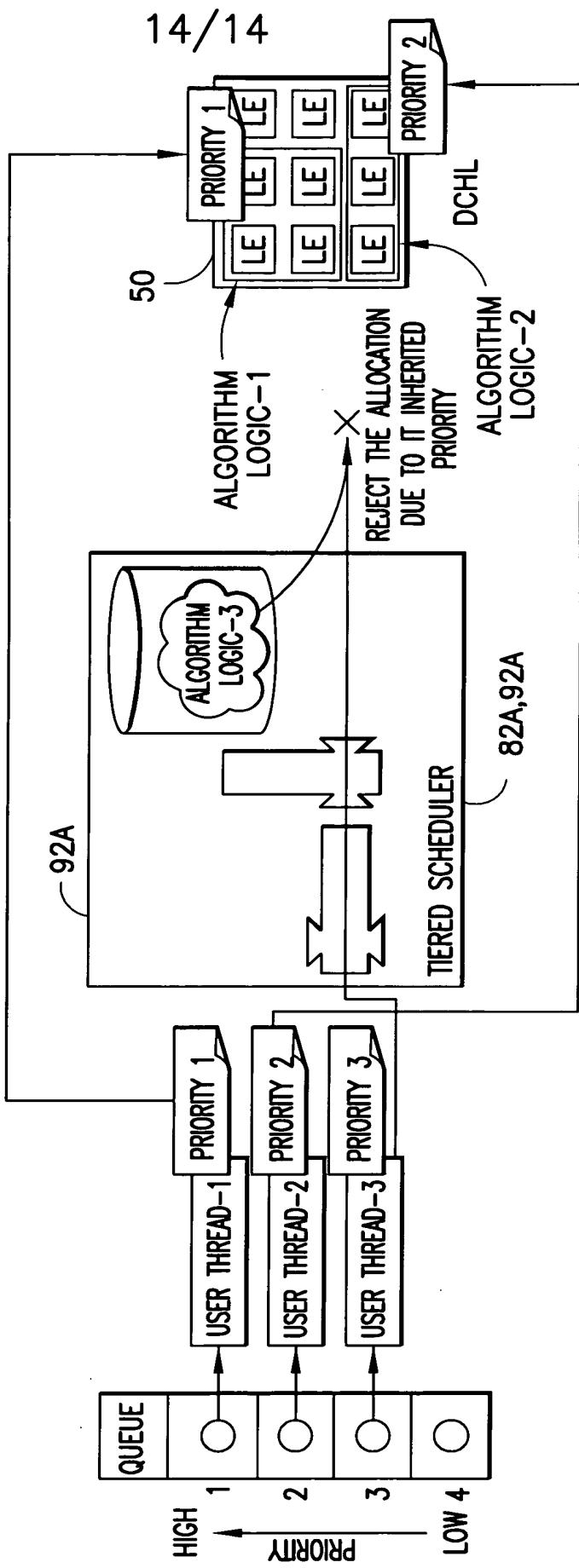


FIG. 13